

FIG. 1

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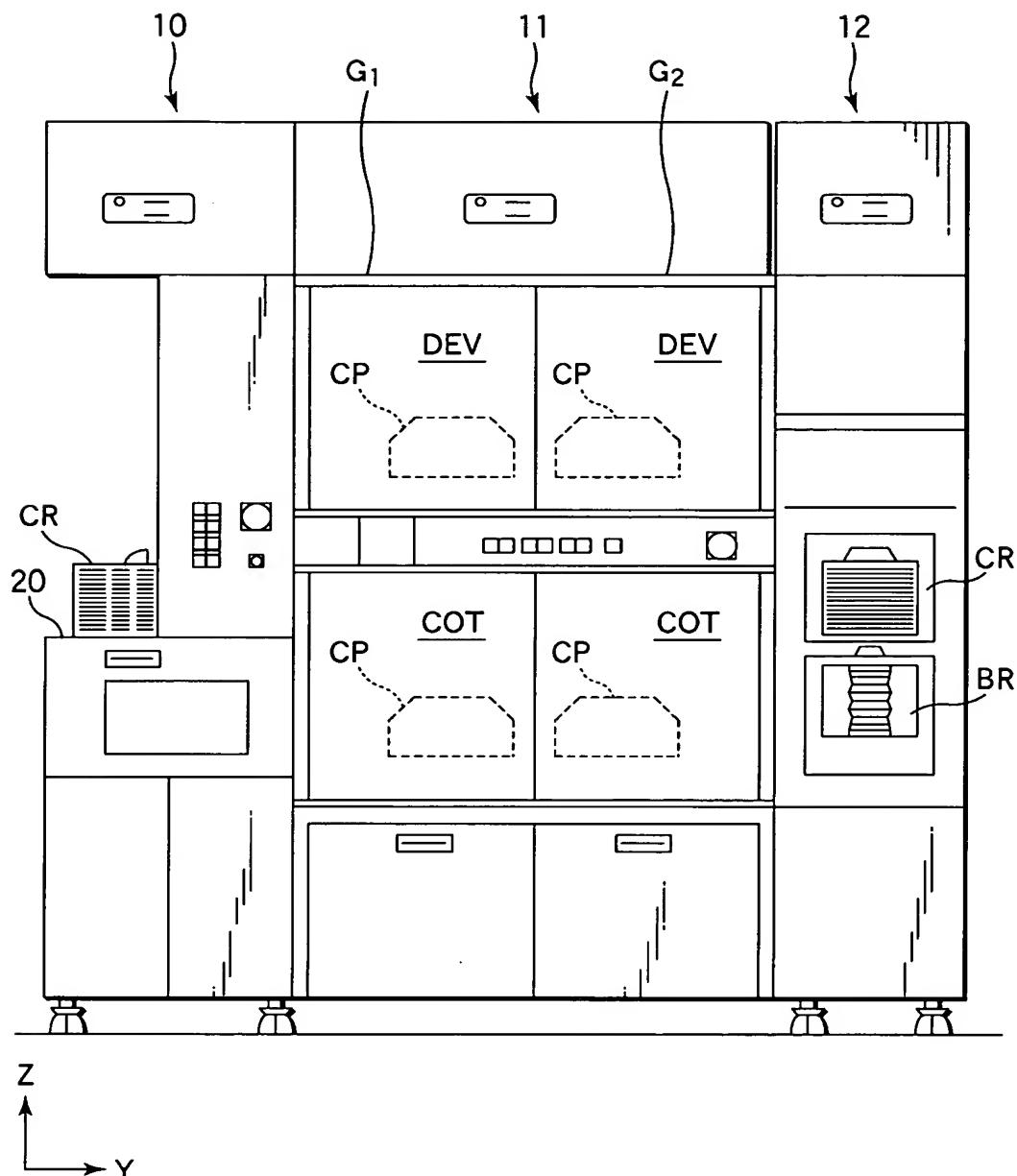


FIG.2

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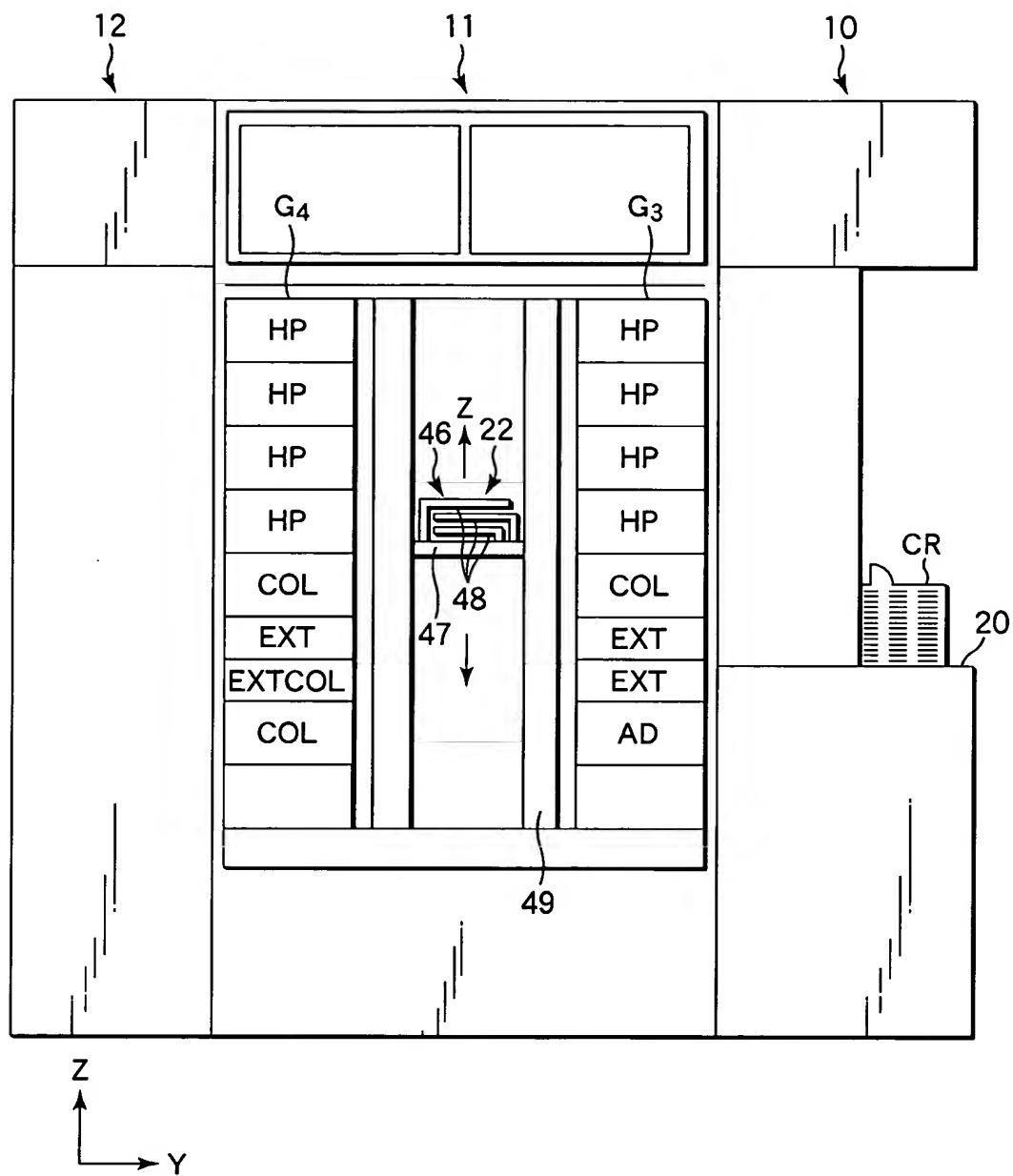


FIG.3

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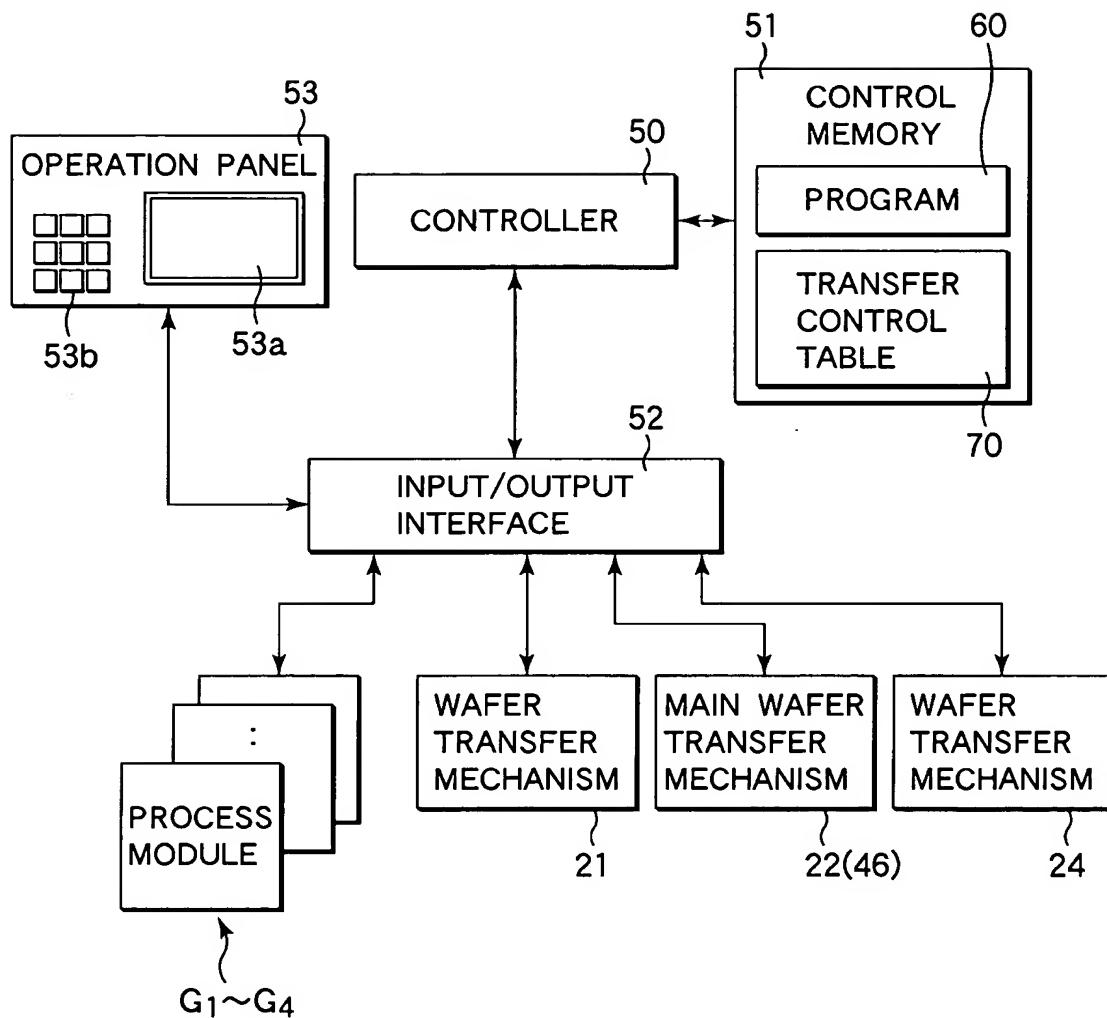


FIG.4

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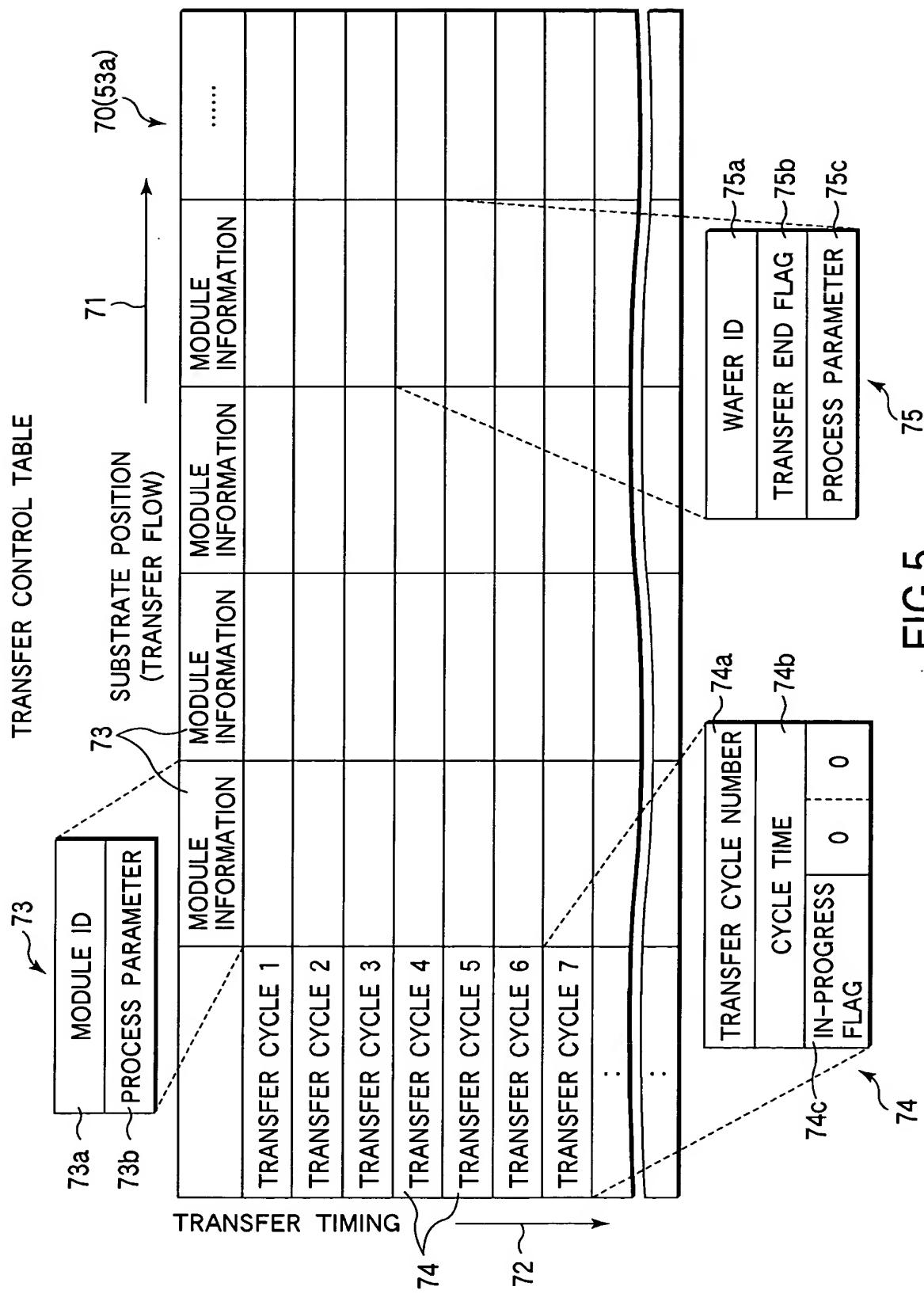


FIG.5

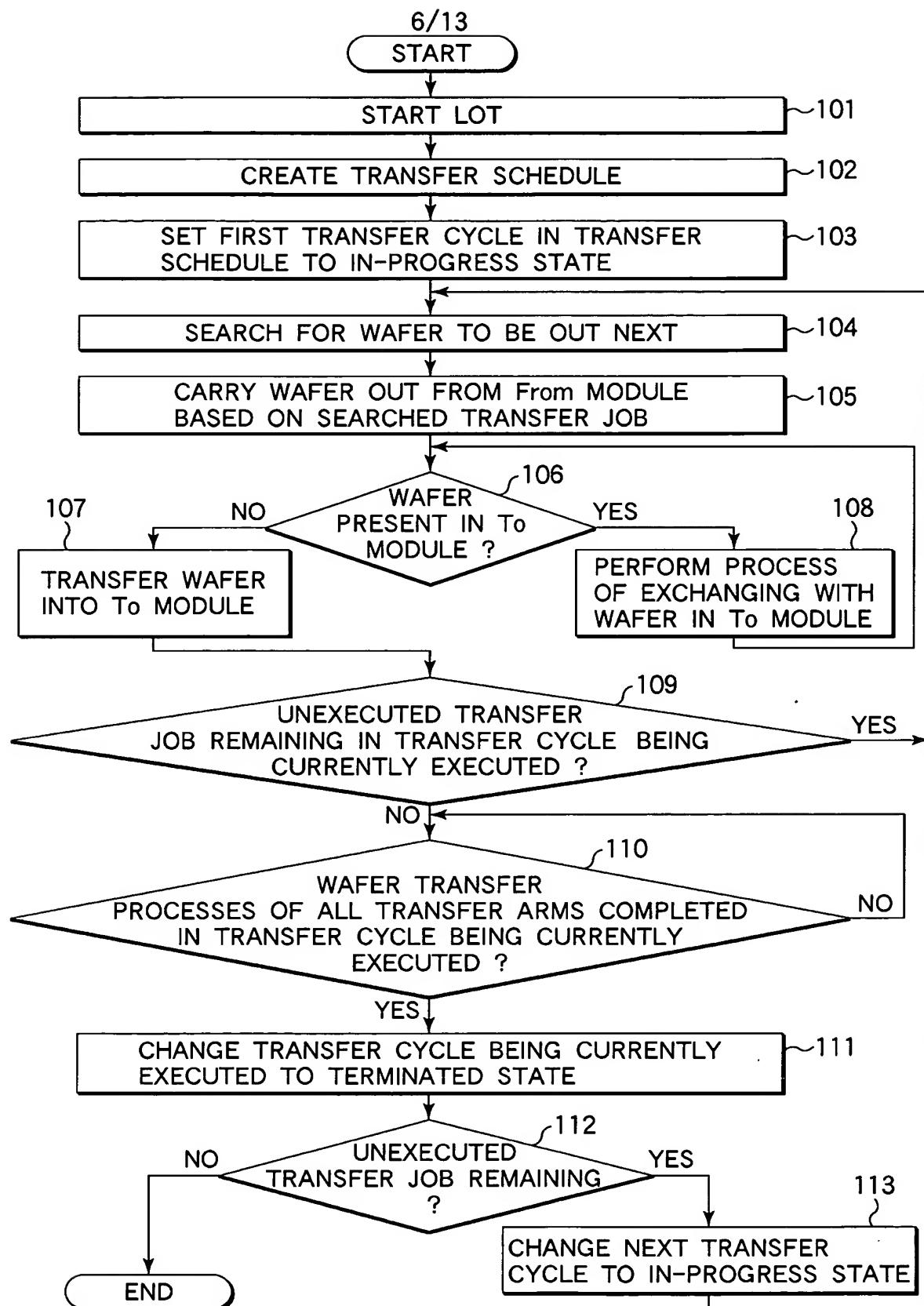


FIG.6

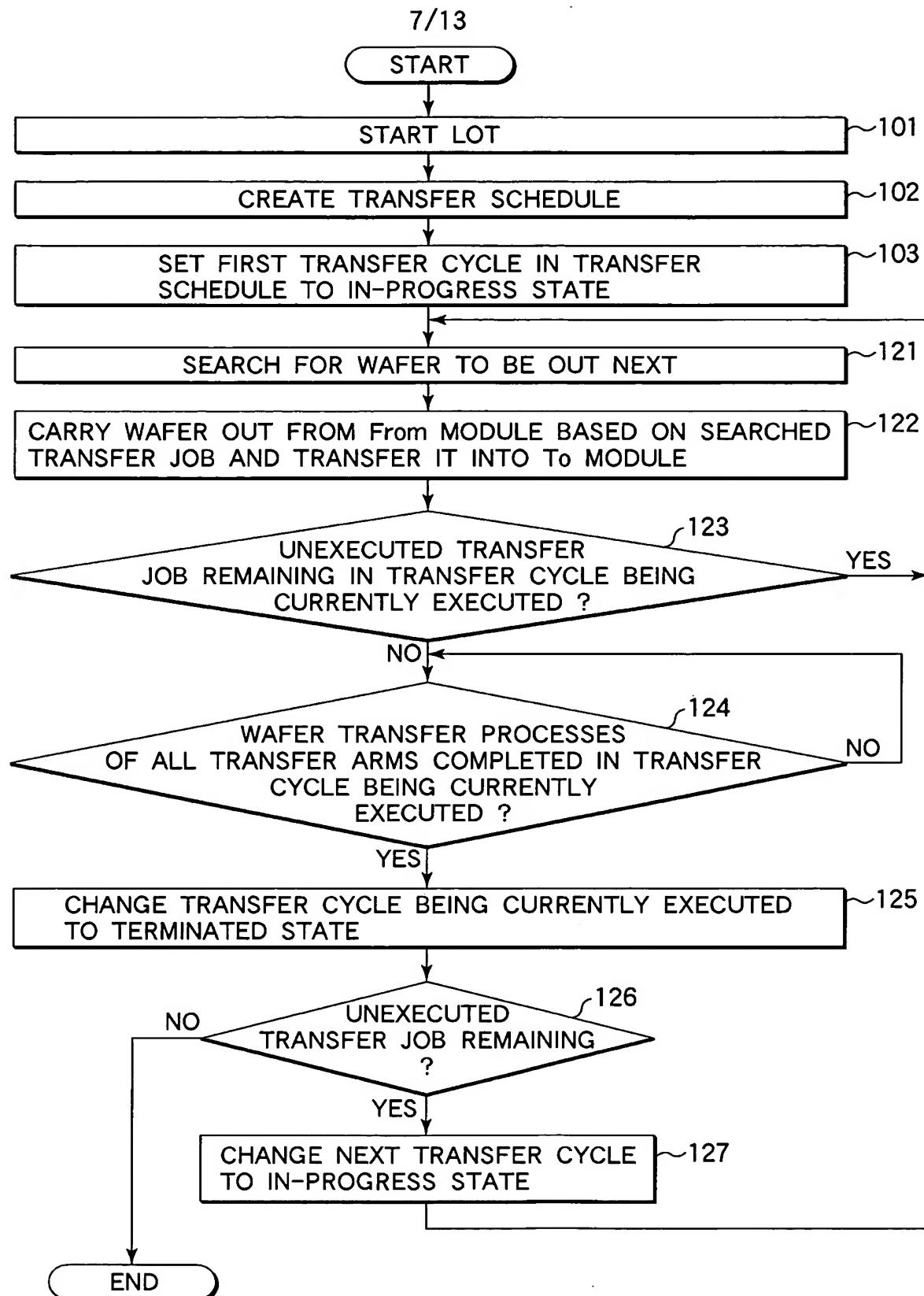


FIG.7

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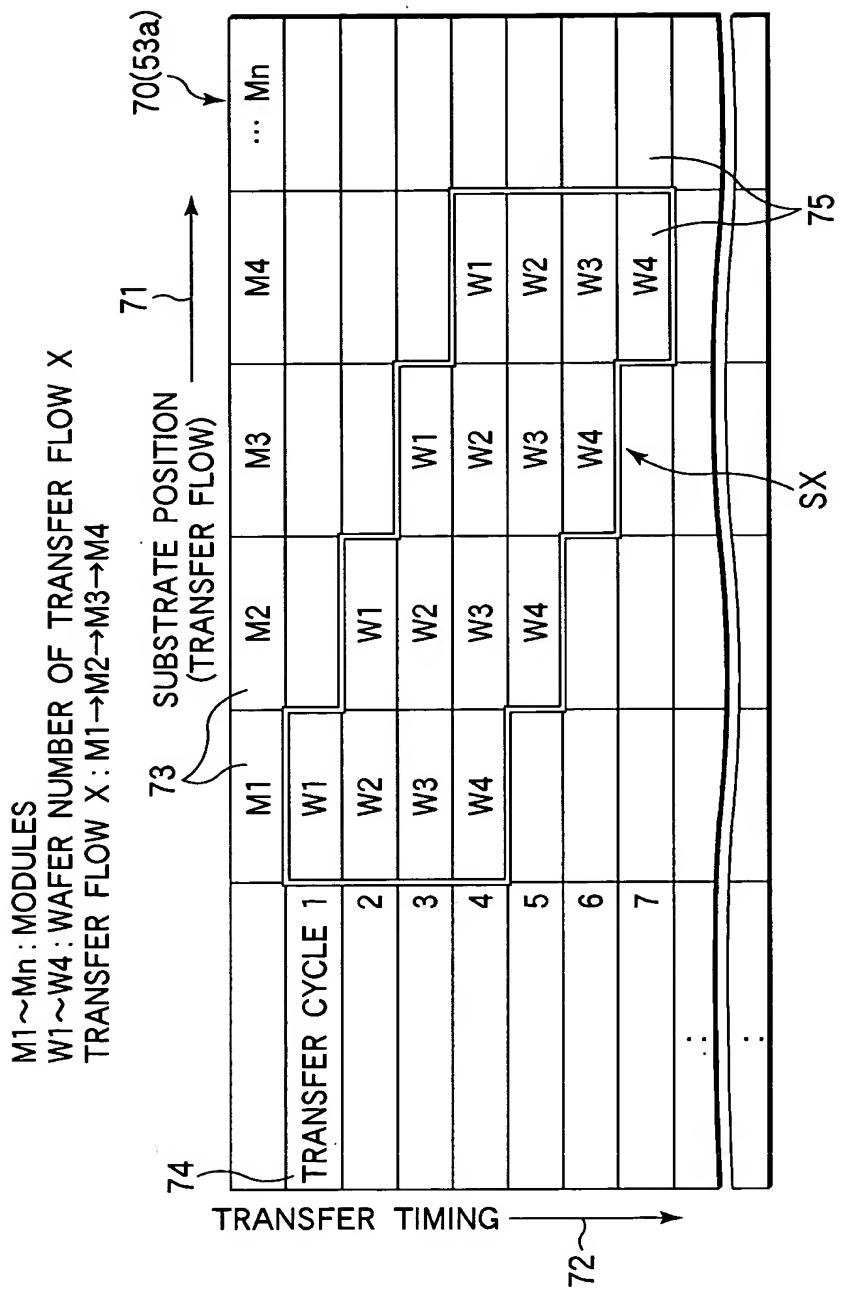


FIG.8

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M1~M6 : MODULES

A1~A5 : WAFER NUMBER OF LOT OF TRANSFER FLOW A

B1~B5 : WAFER NUMBER OF LOT OF TRANSFER FLOW B

TRANSFER FLOW A	M1→M2→M3→M4→M5→M6
TRANSFER FLOW B	M1→M2→M3→M5→M4→M6

FIG.9A

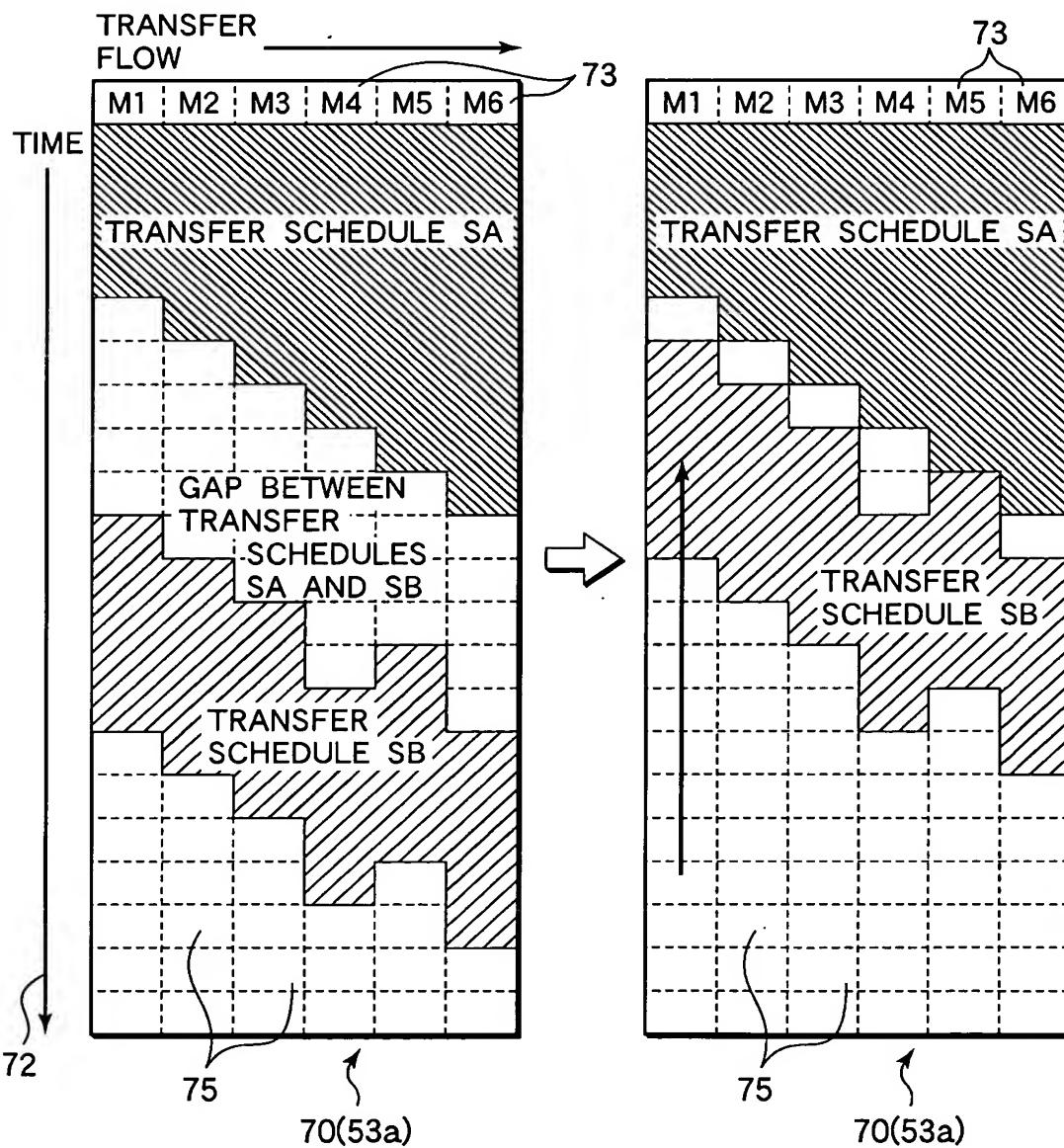


FIG.9B

FIG.9C

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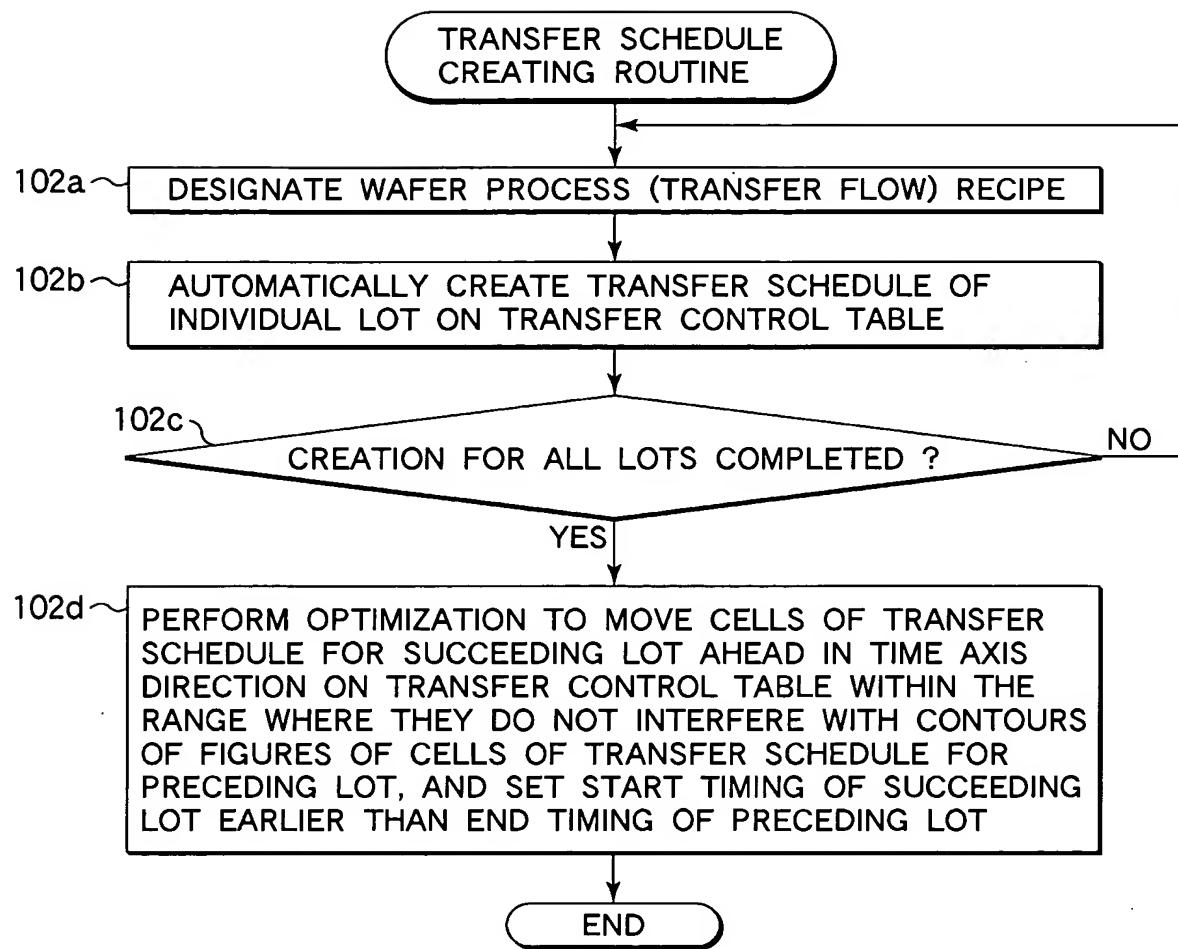


FIG.10

FIG.11A

	M1	M2	M3	M4	M5	M6	M7	M8
TRANSFER CYCLE 1	A1							
2	A2	A1						
3	A3	A2	A1					
4	A4	A3	A2	A1				
5	A5	A4	A3	A2	A1			
6	A5	A4	A3	A2	A1			
7	A5	A4	A3	A2	A1			
8		A5	A4	A3	A2	A1		
9			A5	A4	A3	A2	A1	
10				A5	A4	A3	A2	A1
11					A5	A4	A3	A2
12		B1				B1		
13	B2	B1					B1	
14	B3	B2	B1					
15	B4	B3	B2	B1				
16	B5	B4	B3	B2	B1			
17	B5	B4	B3	B2	B1			
18		B5	B4	B3	B2	B1		
19			B5	B4	B3	B2	B1	
20				B5	B4	B3	B2	B1
21					B5	B4	B3	B2

TOTAL PROCESS TIME FOR A + B

PROCESS TIME FOR A LOT	PROCESS TIME FOR B LOT
------------------------	------------------------

FIG.11B

	M1	M2	M3	M4	M5	M6	M7	M8
TRANSFER CYCLE 1	A1							
2	A2	A1						
3	A3	A2	A1					
4	A4	A3	A2	A1				
5	A5	A4	A3	A2	A1			
6	A5	A4	A3	A2	A1			
7	A5	A4	A3	A2	A1			
8		A5	A4	A3	A2	A1		
9			A5	A4	A3	A2	A1	
10				A5	A4	A3	A2	A1
11					A5	A4	A3	A2
12		B1				B1		
13	B2	B1					B1	
14	B3	B2	B1					
15	B4	B3	B2	B1				
16	B5	B4	B3	B2	B1			
17	B5	B4	B3	B2	B1			
18		B5	B4	B3	B2	B1		
19			B5	B4	B3	B2	B1	
20				B5	B4	B3	B2	B1
21					B5	B4	B3	B2

TOTAL PROCESS TIME FOR A + B

PROCESS TIME FOR A LOT	PROCESS TIME FOR B LOT
------------------------	------------------------

FIG.11C

74

TIME

74

TIME

74

TIME

74

M1~M6 : MODULES  
 EIS : EXPOSURE APPARATUS INTERFACE STAGE  
 BUF : BUFFER PRECEDING EXPOSURE APPARATUS (IN BUFFER)  
 A1~A5 : WAFER NUMBER OF LOT OF TRANSFER FLOW A  
 B1~B5 : WAFER NUMBER OF LOT OF TRANSFER FLOW B

FIG.12A

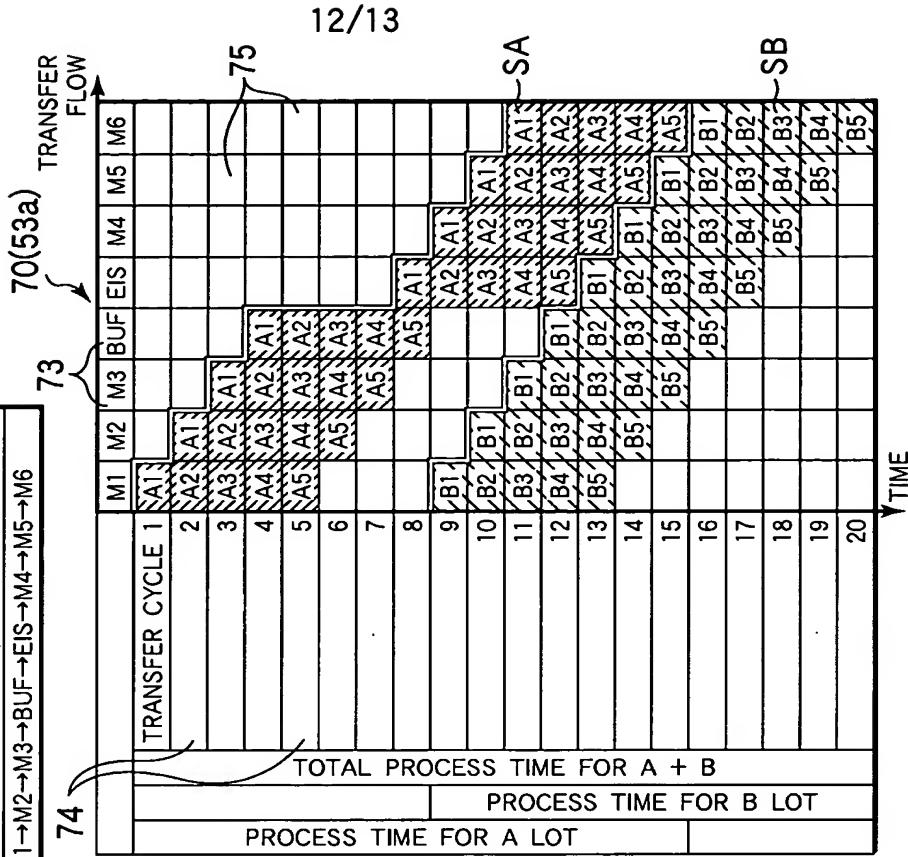
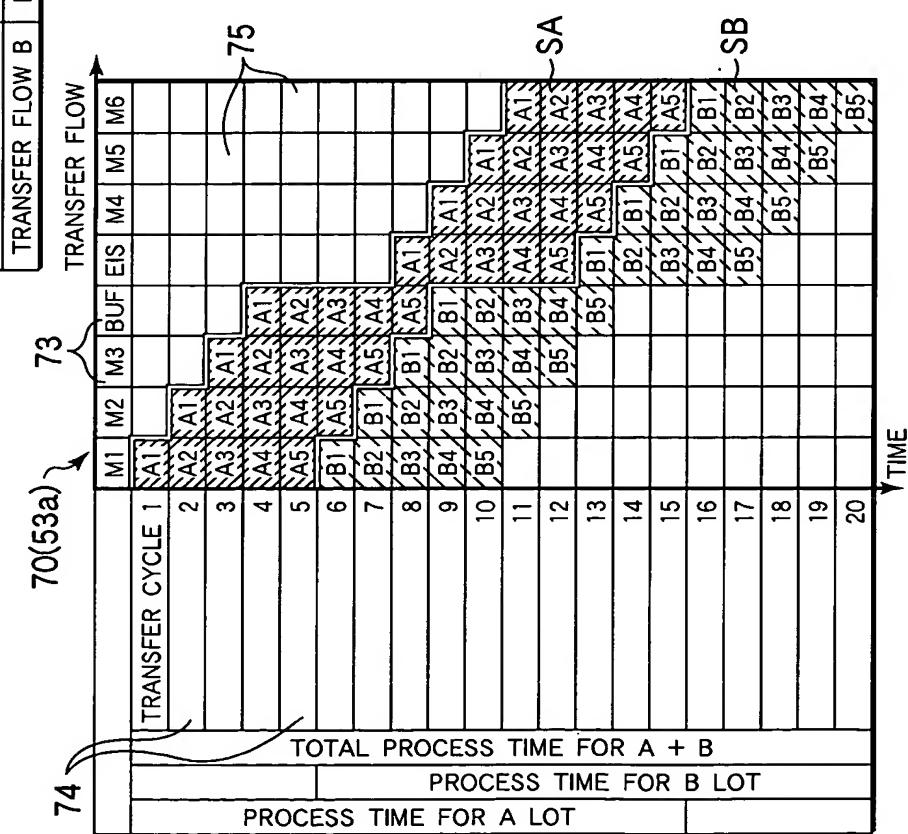


FIG.12B

FIG.12C

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M1~M8 : MODULES

A1~A5 : WAFER NUMBER OF LOT OF TRANSFER FLOW A

B1~B5 : WAFER NUMBER OF LOT OF TRANSFER FLOW B

TRANSFER FLOW A	M1→M2→M3→M4→M6→M7→M8 M5
TRANSFER FLOW B	M1→M2→M3→M4→M5→M6→M7→M8

FIG.13A

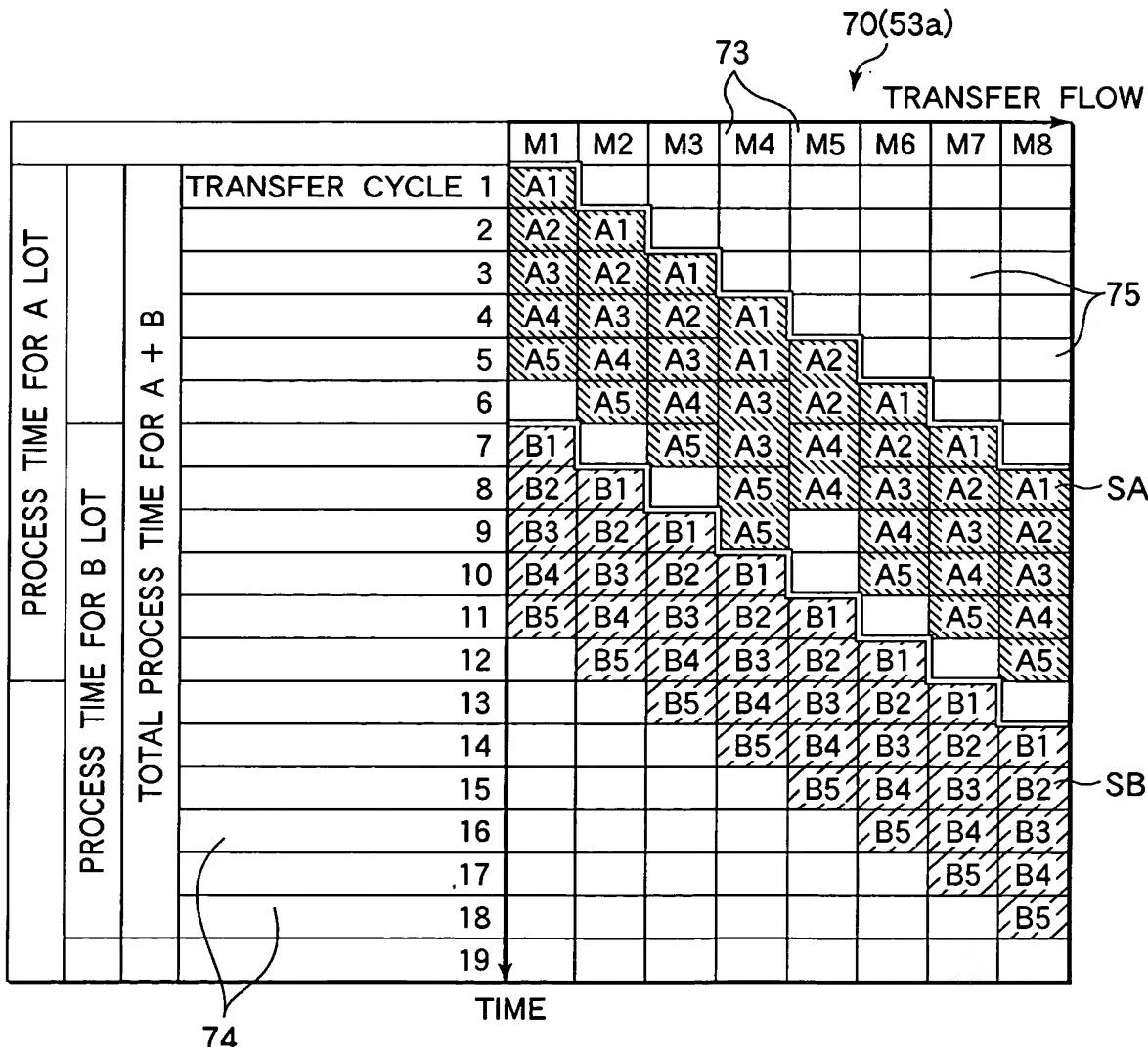


FIG.13B